



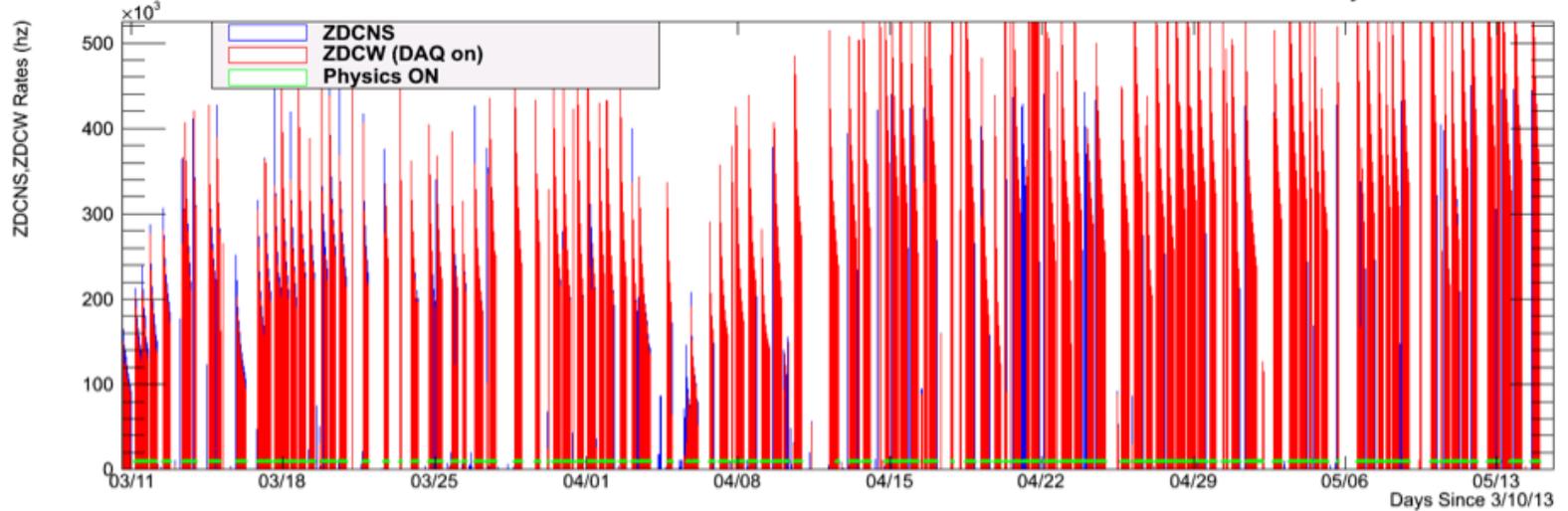
# PHENIX Run-13 status

Hubert van Hecke  
for the PHENIX collaboration

# Phenix efficiencies

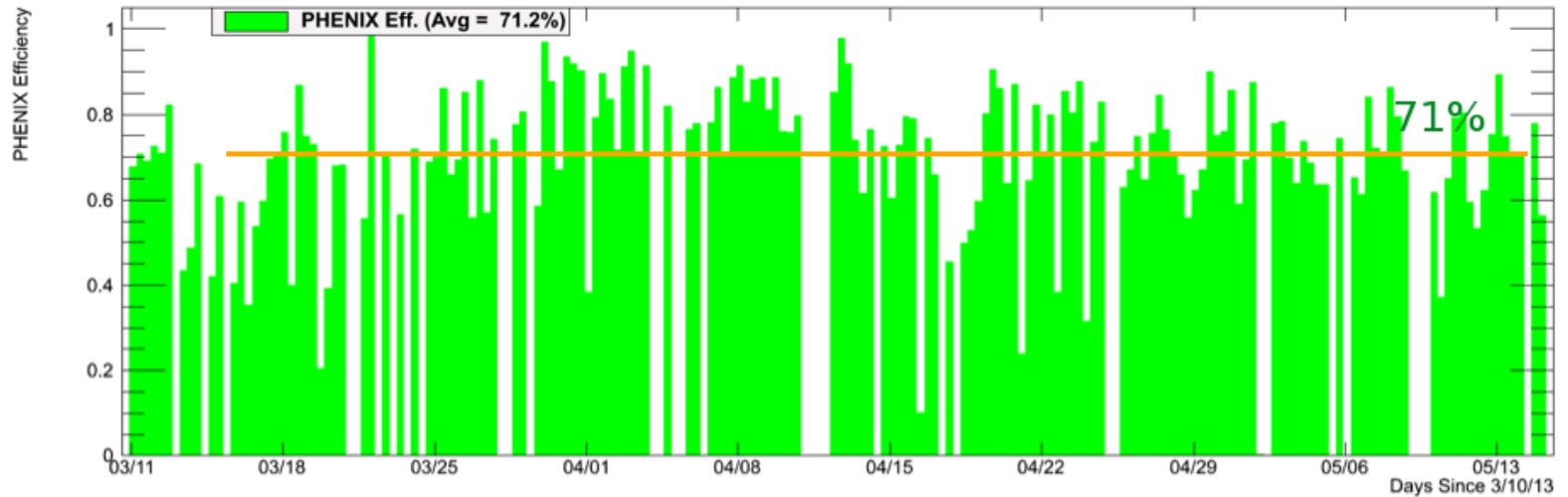
2013 510 GeV pp

Tue May 14 10:00:49 2013



PHENIX Efficiency vs Day

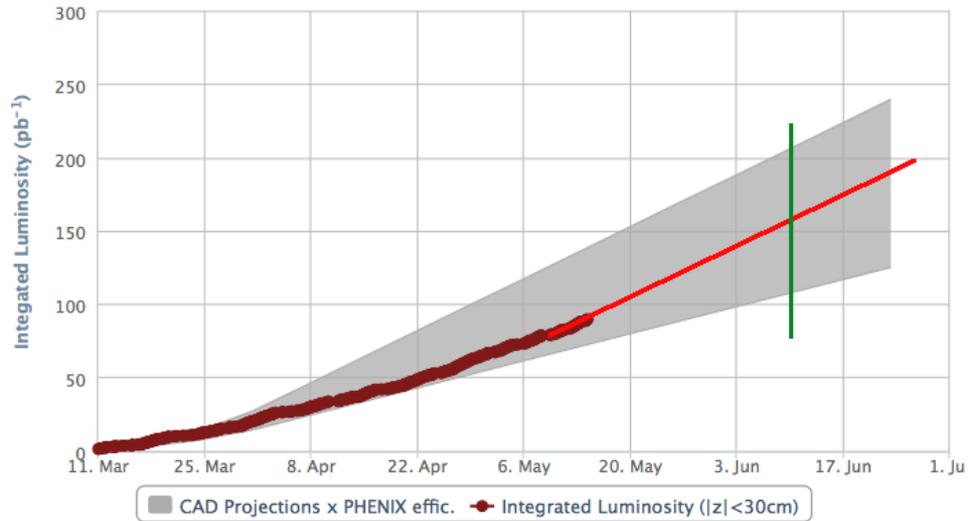
Tue May 14 10:01:15 2013



Time - 14 May 2013

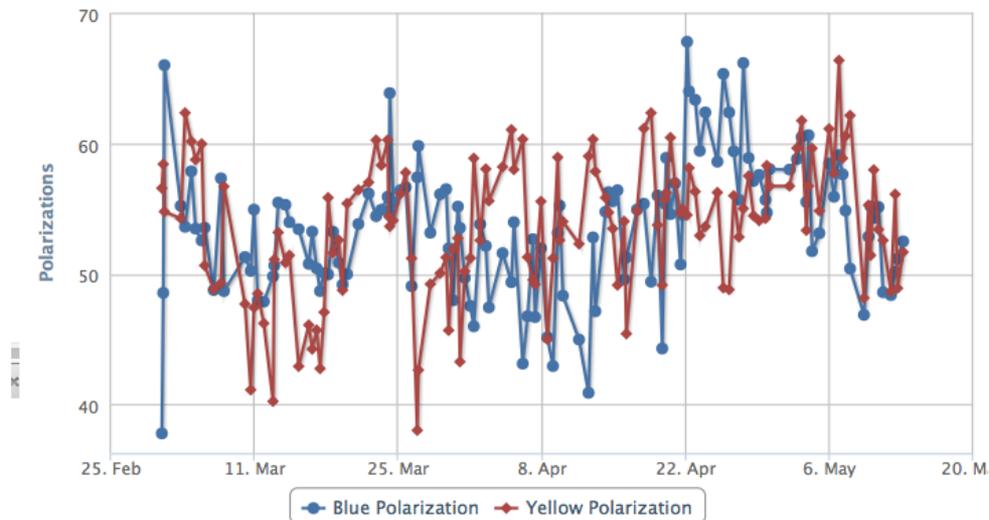
# Luminosity to date

PHENIX Run13 p+p 510 Integrated Luminosity ( $\sigma_{\text{BBC}}=32.5\text{mb}$ )



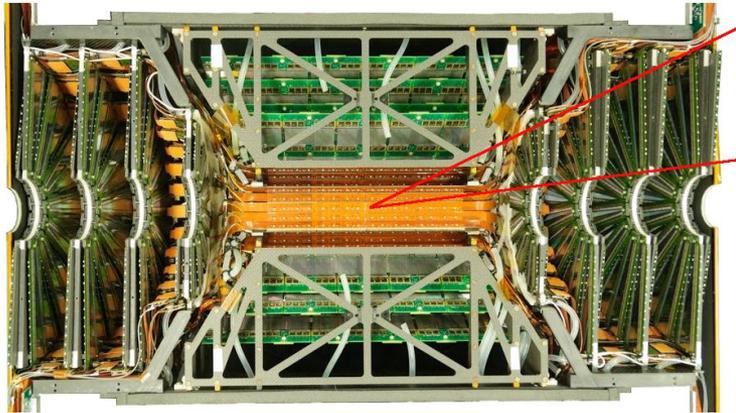
Highcharts.com

## Polarizations



TIME - 14 MAY 2013

# Silicon luminosity counters



$1.2 < \eta < 2.4$   
48 segments in  $\phi$   
2 segments in  $z$

Can select single hits in a  $\phi$  segment,  
Or hit pairs in a  $\phi$  segment

How it is done: self-triggered data streams into FPGAs (max 2Tbits/s), where hits are formatted for the event data stream.

There is enough space left in the FPGAs to split the incoming stream and set up luminosity counters.

